Acceptance rate of CoopIS is 19.6% - Proceedings will be published by Springer/LNCS

**Final Program of CoopIS 2010**

**Industry session on October, Wednesday 28th, 2010** “Next Generation of Cooperative Information Systems and Applications in Industry”

**Joint plenary session with EI2N’2010 on October, Wednesday 28th, 2010** “Interoperability issues in Collaborative Information Systems”

**Program Chairs:** Hervé Panetto (Nancy-University, France), Jorge Cardoso (Univ. Of Coimbra, Portugal), M. Brian Blake (University of Notre Dame, USA)

**October 27th, 2010**

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<th>Time</th>
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<td>08:00-09:00</td>
<td>Registration</td>
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<td>09:00-10:00</td>
<td>CoopIS 2010 Keynote: Chaired by Robert Meersman</td>
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Wil van der Aalst (Technische Universiteit Eindhoven, Netherlands)

"Configurable Services in the Cloud: Supporting variability while enabling cross-organizational process mining"

**Session 27A: Process Models and Management I, 10:30-12:30**

Chaired by Marcello La Rosa, Mark Strembeck

Session 27B: Modeling of Cooperation, 14:00-15:30
Chaired by Li Qing, Susan Urban

1. Continuous Monitoring in Evolving Business Networks,
   Marco Comuzzi, Jochem Vonk, Paul Grefen
2. Collaborative Coordination of Activities with Temporal Dependencies,
   Joern Franke, Francois Charoy, Paul El Khoury
3. Generic Algorithms for Consistency Checking of Mutual-Exclusion and Binding
   Constraints in a Business Process Context,
   Mark Strembeck, Jan Mendling

Posters, 15:30-16:00
Chaired by Hervé Panetto

1. Toward Energy-aware Adaptive Business Processes,
   Cinzia Cappiello, Maria Grazia Fugini, G.R. Gangadharan, Alexandre Mello Ferreira,
   Barbara Pernici, Pierluigi Plebani
2. Credibility Enhanced Reputation Metrics for Distributed e-Communities,
   Eleni Koutrouli, Aphrodite Tsalgatidou
3. A Tool for QoS Probability Distribution Estimation of Web Service Compositions,
   Huiyuan Zheng, Jian Yang, Weiliang Zhao
4. Methodologies of Support to the Execution of Risk Management,
   Luis Nascimento, André Vasconcelos, Pedro Sousa, José Alegria, Alberto Mendes
5. Dynamic Service Outsourcing in a Financier-Led Asset Lease Model,
   Xiaohui Zhao, Samuil Angelov, Paul Grefen
6. Towards Load-Balancing Dynamic Service Binding in Composition Execution Engines
   Mathias Bjorkqvist, Lydia Y. Chen, Walter Binder

Session 27C: Services Computing I, 16:00-17:30
Chaired by Salvatore Garruzzo, Christoph Dorn

1. Collaborative Filtering Technique for Web Service Recommendation Based on User-
   Operation Combination,
   Nguyen Ngoc Chan, Walid Gaaloul, Samir Tata
2. Modelling and Automated Composition of User-Centric Services,
   Heorhi Raik, Raman Kazhamiakin, Marco Pistore, Massimo Paolucci
3. Collecting, Annotating, and Classifying Public Web Services,
   Mohammed AbuJarour, Mircea Craculeac, Felix Naumann

October 28th, 2010

08:00-09:00   Registration
09:00-10:00   EI2N 2010 Keynote: Chaired by Hervé Panetto

Michael Sobolewski (Polish-Japanese Institute of IT, Poland)

"Exerted Enterprise Computing: from Protocol-oriented Networking to
Exertion-oriented Networking"
Session 28A: Process Models and Management II, 10:30-12:30
Chaired by Paul Grefen, Walid Gaaloul

1. Merging Business Process Models, Marcello La Rosa, Marlon Dumas, Reina Uba, Remco Dijkman
3. COMPRO: A Methodological Approach for Business Process Contextualisation, Jose Luis de la Vara, Raian Ali, Fabiano Dalpiaz, Juan Sanchez, Paolo Giorgini

Session 28B: Services Computing II, 14:00-15:30
Chaired by Lakshmish Ramaswamy, Marco Comuzzi

1. Managing Conflict of Interest in Service Composition, Haiyang Sun, Weiliang Zhao, Jian Yang
2. Policy-based Attestation of Service Behavior for Establishing Rigorous Trust, Dongxi Liu, John Zic
3. Coordinating services for accessing and processing data in dynamic environments, Victor Cuevas-Vicenttin, Genoveva Vargas-Solar, Christine Collet, Noha Ibrahim, Christophe Bobineau

Posters, 15:30-16:00
Chaired by Jorge Cardoso

2. Credibility Enhanced Reputation Metrics for Distributed e-Communities, Eleni Koutrouli, Aphrodite Tsalgatidou
4. Methodologies of Support to the Execution of Risk Management, Luis Nascimento, Andre Vasconcelos, Pedro Sousa, Jose Alegria, Alberto Mendes
5. Dynamic Service Outsourcing in a Financier-Led Asset Lease Model, Xiaohui Zhao, Samuil Angelov, Paul Grefen
6. Towards Load-Balancing Dynamic Service Binding in Composition Execution Engines, Mathias Bjorkqvist, Lydia Y. Chen, Walter Binder

Session 28C; Industry Session and Panel, 16:00-17:30
Chaired by Nirmal Mukhi, Herve Panetto

1. Continuous MapReduce for In-DB Stream Analytics, Qiming Chen, Meichun Hsu (HP)
2. Approaches Towards Dealing With Complex Systems Configuration, Nirmal K. Mukhi (IBM)

Next Generation of Cooperative Information Systems and Applications in Industry

Joint plenary session with EI2N'2010, 17:30-18:30
Chaired by Michael Sobolewski, Wil van der Aalst, Herve Panetto, Jorge Cardoso, Giuseppe Berio

Interoperability issues in Collaborative Information Systems
**Session 29A: Information Processing and Management, 10:30-12:30**  
Chaired by Zohra Bellahsene, Paraskevi Raftopoulou

1. The Roles of Reliability and Reputation in Competitive Multi Agent Systems,  
*Domenico Rosaci, Salvatore Garruzzo*
2. Multilayer superimposed information for collaborative annotation in wikis,  
*Carlos Solís, Jose Canos, Marcos Borges*
3. Supporting Complex Changes in Evolving Interrelated Web Databanks,  
*Yannis Stavrakas, George Papastefanatos, contact author: Yannis Stavrakas*
4. Workflow ART,  
*Ganna Monakova, Frank Leymann*

**Session 29X: Short papers, 10:30-12:30**  
Chaired by John Zic, Jorge Cardoso

1. A Behavioral Similarity Measure between Labeled Petri Nets Based on Principal Transition Sequences,  
*Jianmin Wang, Tengfei He, Lijie Wen, Nianhua Wu, Arthur Hofstede, Jianwen Su*
2. Efficient and Accurate Retrieval of Business Process Models through Indexing,  
*Tao Jin, Jianmin Wang, Nianhua Wu, Marcello La Rosa, Arthur ter Hofstede*
3. The Biconnected Verification of Workflow Nets,  
*Artem Polyvyanyy, Matthias Weidlich, Mathias Weske*
4. Business Process Scheduling with Resource Availability Constraints,  
*Jiajie Xu, Chengfei Liu, Xiaohui Zhao, Sira Yongchareon*
5. Achieving Flexibility in Service Composition with Assurance Points and Integration Rules,  
*Susan Urban, Le Gao, Rajiv Shrestha, Andrew Courter*
6. Business Protocol Adaptation for Flexible Chain Management,  
*Ricardo Seguel, Rik Eshuis, Paul Grefen*
7. Business process monitoring with BPath,  
*Samir Sebahi, Mohand-Said Hacid*

**Session 29B: Human-based Cooperative Systems, 14:00-16:00**  
Chaired by Joao E. Ferreira, Yannis Stavrakas

1. CoMaP: A Cooperative Overlay-based Mashup Platform,  
*Osama Al-Haj Hassan, Lakshmish Ramaswamy, John Miller*
2. Composing near-optimal expert teams: a trade-off between skills and connectivity,  
*Christoph Dorn, Schahram Dustdar*
3. Complementarity in Competence Management: Framework and Implementation,  
*Nacer Boudjlida, Dong Cheng*

**SHORT PAPERS**

4. Scalable XML Collaborative Editing with Undo,  
*Stéphane Martin, Pascal Urso, Stéphane Weiss*
5. A Cooperative Approach to View Selection and Placement in P2P Systems,  
*Zohra Bellahsene, Michelle Cart, Nour Kadi*
Session 29Y: Ontology and Workflow Challenges, 14:00-16:00
Chaired by Nacer Boudjlida, Xiaohui Zhao

1. Satisfaction and Coherence of Deadline Constraints in Inter-Organizational Workflows, Mouna Makni, Samir Tata, Moez Yeddes, Nejib Ben Hadj-Alouane

SHORT PAPERS

5. Peer Rewiring in Semantic Overlay Networks under Churn, Paraskevi Raftopoulou, Euripides Petrakis

Closing plenary, 16:00-16:30
Chaired by Hervé Panetto, Jorge Cardoso, Robert Meersman